Improvements and Ashalting to Chinnamma layout and adgacent cross roads in ward No 12, Shettyhalli Sub Division

Detailed Measurements

Date of Measurements

Item No	Discription of Item	Side	No	Length	Breadth	Depth	Qty	Unit
1	Earthwork excavation by manual means for roads, drains & similar works in ordinary soil excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications							
	Chinnamma Layout CC Drain							
	Cross Road From 2nd Crs Rd							
		LHS	1	30.00	1.20	1.10	39.60	
		LHS	1	30.00	1.20	1.10	39.60	
		LHS	1	30.00	1.20	1.10	39.60	
		LHS	1	30.00	1.20	1.10	39.60	
		LHS	1	30.00	1.20	1.10	39.60	
		LHS	1	30.00	1.20	1.10	39.60	
		LHS	1	4.30	1.20	1.10	5.68	
		RHS	1	30.00	1.20	1.10	39.60	
		RHS	1	30.00	1.20	1.10	39.60	
		RHS	1	30.00	1.20	1.10	39.60	
		RHS	1	30.00	1.20	1.10	39.60	
		RHS	1	30.00	1.20	1.10	39.60	
		RHS	1	5.40	1.20	1.10	7.13	
		RHS	1	22.70	1.20	1.10	29.96	
	1st Main Road							
		LHS	1	30.00	1.20	1.10	39.60	
		LHS	1	30.00	1.20	1.10	39.60	
		LHS	1	8.00	1.20	1.10	10.56	
		RHS	1	30.00	1.20	1.10	39.60	
		RHS	1	16.00	1.20	1.10	21.12	
		RHS	1	18.50	1.20	1.10	24.42	
	2nd Main Road Up to College Rd							
		LHS	1	24.70	1.20	1.10	32.60	
		LHS	1	26.40	1.20	1.10	34.85	
		LHS	1	27.80	1.20	1.10	36.70	
		LHS	1	6.40	1.20	1.10	8.45	
		LHS	1	30.00	1.20	1.10	39.60	
		LHS	1	30.00	1.20	1.10	39.60	
		LHS	1	9.80	1.20	1.10	12.94	
		RHS	1	27.80	1.20	1.10	36.70	
		RHS	1	27.20	1.20	1.10	35.90	
		RHS	1	30.00	1.20	1.10	39.60	
		RHS	1	30.00	1.20	1.10	39.60	
		RHS	1	12.20	1.20	1.10	16.10	
	1st Cross Road From 1st Main Road							

CIVIL TECH LABS BANGALORE

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಶೆಟ್ಟಿಹಳ್ಳಿ ಉಪವಿಭಾಗ, ದಾಸರಹಳ್ಳಿ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಎಸ್.ಎಂ. ರಸ್ತೆ, ರವೀಂದ್ರನಗರ, ಬೆಂಗಳೂರು

Item No	Discription of Item	Side	No	Length	Breadth	Depth	Qty	Unit
		LHS	1	30.00	1.20	1.10	39.60	
		LHS	1	19.00	1.20	1.10	25.08	
		RHS	1	30.00	1.20	1.10	39.60	
		RHS	1	19.00	1.20	1.10	25.08	
	2nd Main Road(Near Chikkabanavar Railway station)							
		LHS	1	30.00	1.20	1.10	39.60	
		LHS	1	30.00	1.20	1.10	39.60	
		LHS	1	21.70	1.20	1.10	28.64	
		RHS	1	30.00	1.20	1.10	39.60	
		RHS	1	30.00	1.20	1.10	39.60	
		RHS	1	19.70	1.20	1.10	26.00	
	6th Cross Road(Near Muneshwar temple)							
		RHS	1	30.00	1.20	1.10	39.60	
		RHS	1	30.00	1.20	1.10	39.60	
		RHS	1	30.00	1.20	1.10	39.60	
		RHS	1	30.00	1.20	1.10	39.60	
		RHS	1	4.00	1.20	1.10	5.28	
		LHS	1	30.00	1.20	1.10	39.60	
		LHS	1	30.00	1.20	1.10	39.60	
		LHS	1	30.00	1.20	1.10	39.60	
		LHS	1	30.00	1.20	1.10	39.60	
		LHS	1	4.00	1.20	1.10	5.28	
	Babanna Layout Crs Road	RHS	1	30.00	1.20	1.10	39.60	
		RHS	1	30.00	1.20	1.10	39.60	
		RHS	1	30.00	1.20	1.10	39.60	
		RHS	1	30.00	1.20	1.10	39.60	
		RHS	1	5.00	1.20	1.10	6.60	
	Cross Road-1	LHS	1	30.00	1.20	1.10	39.60	
		LHS	1	30.00	1.20	1.10	39.60	
		RHS	1	30.00	1.20	1.10	39.60	
		RHS	1	30.00	1.20	1.10	39.60	
	Cross Road-2	LHS	1	30.00	1.20	1.00	36.00	
		LHS	1	8.00	1.20	1.00	9.60	
		RHS	1	30.00	1.20	1.00	36.00	
		RHS	1	8.00	1.20	1.00	9.60	
	Cross Road-3	LHS	1	30.00	1.20	1.00	36.00	
		LHS	1	7.00	1.20	1.00	8.40	
		RHS	1	18.00	1.20	0.90	19.44	
						Present Qty	**2174.11**	**Cum**

CIVIL TECH LABS BANGALORE

Assistant Engineer
Ward No-12
BBMP Bangalore

Asst. Executive Engineer,
Shettyhalli Sub division
BBMP Bangalore

Improvements and Ashalting to Chinnamma layout and adgacent cross roads in ward No 12, Shettyhalli Sub Division

Detailed Measurements

Item No	Discription of Item	Side	No	Length	A. Breadth	A Depth	Qty	Unit
2	Providing and laying Plain cement concrete of mix 1:3:6 with OPC @ 220kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.89cum and fine aggregates @ 0.46cum, in foundation mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days including cost of all materials, labour, HOM curing, form works, scaffolding and centering complete as per specifications.							
	CC Drain							
	Chinnamma Layout							
	Cross Road From 2nd Crs Rd							
		LHS	1	30.00	1.20	0.15	5.40	
		LHS	1	30.00	1.20	0.15	5.40	
		LHS	1	30.00	1.20	0.15	5.40	
		LHS	1	30.00	1.20	0.15	5.40	
		LHS	1	30.00	1.20	0.15	5.40	
		LHS	1	30.00	1.20	0.15	5.40	
	Kuvempu Road	LHS	1	4.30	1.20	0.15	0.77	
	From Kuvempu Road	RHS	1	30.00	1.20	0.15	5.40	
		RHS	1	30.00	1.20	0.15	5.40	
		RHS	1	30.00	1.20	0.15	5.40	
		RHS	1	30.00	1.20	0.15	5.40	
		RHS	1	30.00	1.20	0.15	5.40	
		RHS	1	5.40	1.20	0.15	0.97	
		RHS	1	22.70	1.20	0.15	4.09	
	1st Main Road					0.15		
		LHS	1	30.00	1.20	0.15	5.40	
		LHS	1	30.00	1.20	0.15	5.40	
		LHS	1	8.00	1.20	0.15	1.44	
		RHS	1	30.00	1.20	0.15	5.40	
		RHS	1	16.00	1.20	0.15	2.88	
		RHS	1	18.50	1.20	0.15	3.33	
	2nd Main Road Up to College Rd					0.15		
		LHS	1	24.70	1.20	0.15	4.45	
		LHS	1	26.40	1.20	0.15	4.75	
		LHS	1	27.80	1.20	0.15	5.00	
		LHS	1	6.40	1.20	0.15	1.15	
		LHS	1	30.00	1.20	0.15	5.40	
		LHS	1	30.00	1.20	0.15	5.40	
		LHS	1	9.80	1.20	0.15	1.76	

CIVIL TECH LABS BANGALORE

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರ
ಶೆಟ್ಟಿಹಳ್ಳಿ ಉಪವಿಭಾಗ, ದಾಸರಹಳ್ಳಿ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿ
ಎಸ್.ಎಂ. ರಸ್ತೆ, ರವೀಂದ್ರನಗರ, ಬೆಂಗಳೂರು

Item No	Discription of Item	Side	No	Length	A. Breadth	A Depth	Qty	Unit
		RHS	1	27.80	1.20	0.15	5.00	
		RHS	1	27.20	1.20	0.15	4.90	
		RHS	1	30.00	1.20	0.15	5.40	
		RHS	1	30.00	1.20	0.15	5.40	
		RHS	1	12.20	1.20	0.15	2.20	
	1st Cross Road From 1st Main Road							
		LHS	1	30.00	1.20	0.15	5.40	
		LHS	1	19.00	1.20	0.15	3.42	
		RHS	1	30.00	1.20	0.15	5.40	
		RHS	1	19.00	1.20	0.15	3.42	
	2nd Main Road(Near Chikkabanavar Railway station)							
		LHS	1	30.00	1.20	0.15	5.40	
		LHS	1	30.00	1.20	0.15	5.40	
		LHS	1	21.70	1.20	0.15	3.91	
		RHS	1	30.00	1.20	0.15	5.40	
		RHS	1	30.00	1.20	0.15	5.40	
		RHS	1	19.70	1.20	0.15	3.55	
	6th Cross Road(Near Muneshwar temple)							
		RHS	1	30.00	1.20	0.15	5.40	
		RHS	1	30.00	1.20	0.15	5.40	
		RHS	1	30.00	1.20	0.15	5.40	
		RHS	1	30.00	1.20	0.15	5.40	
		RHS	1	4.00	1.20	0.15	0.72	
		LHS	1	30.00	1.20	0.15	5.40	
		LHS	1	30.00	1.20	0.15	5.40	
		LHS	1	30.00	1.20	0.15	5.40	
		LHS	1	30.00	1.20	0.15	5.40	
		LHS	1	4.00	1.20	0.15	0.72	
	Babanna Layout Crs Road	RHS	1	30.00	1.20	0.15	5.40	
		RHS	1	30.00	1.20	0.15	5.40	
		RHS	1	30.00	1.20	0.15	5.40	
		RHS	1	30.00	1.20	0.15	5.40	
		RHS	1	5.00	1.20	0.15	0.90	
	Cross Road-1	LHS	1	30.00	1.20	0.15	5.40	
		LHS	1	30.00	1.20	0.15	5.40	
		RHS	1	30.00	1.20	0.15	5.40	
		RHS	1	30.00	1.20	0.15	5.40	
	Cross Road-2	LHS	1	30.00	1.20	0.15	5.40	
		LHS	1	8.00	1.20	0.15	1.44	

CIVIL TECH LAB BANGALORE

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಕೆಬ್ಬಹಳ್ಳಿ ಉಪವಿಭಾಗ, ದಾಸರಹಳ್ಳಿ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಮಲ್ಲಾಡಿಹಳ್ಳಿ, ಗಂಗಾಧರನಗರ, ಬೆಂಗಳೂರು

Item No	Discription of Item	Side	No	Length	A. Breadth	A Depth	Qty	Unit
		RHS	1	30.00	1.20	0.15	5.40	
		RHS	1	8.00	1.20	0.15	1.44	
	Cross Road-3	LHS	1	30.00	1.20	0.15	5.40	
		LHS	1	7.00	1.20	0.15	1.26	
		RHS	1	18.00	1.20	0.15	3.24	
						Present Qty	**298.91**	**Cum**

CIVIL TECH LABS BANGALORE

Assistant Engineer
Ward No-12
BBMP Bangalore

Asst. Executive Engineer,
Shettyhalli Sub division
BBMP Bangalore

Improvements and Ashalting to Chinnamma layout and adgacent cross roads in ward No 12, Shettyhalli Sub Division

Detailed Measurements

Date of Measurements

Item No	Discription of Item	Side	No	Length	Breadth	Depth	Qty	Unit
10	Providing, laying, spreading and compacting cushed stone aggregates of granite / trap / basalt to **wet mix macadam** specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications							
	6th Cross Road Near Muneshwar Temple3							
	Ch:0.0m to 30.00m	LHS	1	30.00	(1.20 + 0.90)/2	0.225	7.09	
	Ch:30.0m to 60.00m	LHS	1	30.00	(0.90 + 1.00)/2	0.225	6.41	
	Ch:60.00m to 90.00m	LHS	1	30.00	(1.00 + 0.80)/2	0.225	6.08	
	Ch:90.00m to 120.00m	LHS	1	30.00	(0.80 + 0.90)/2	0.225	5.74	
	Ch:120.00m to 124.00m	LHS	1	4.00	(0.90 + 1.00)/2	0.225	0.86	
	Ch:0.0m to 30.00m	RHS	1	30.00	(1.20 + 0.90)/2	0.225	7.09	
	Ch:30.0m to 60.00m	RHS	1	30.00	(1.00 + 0.90)/2	0.225	6.41	
	Ch:60.00m to 90.00m	RHS	1	30.00	(0.90 + 0.90)/2	0.225	6.08	
	Ch:90.00m to 120.00m	RHS	1	30.00	(0.90 + 0.80)/2	0.225	5.74	
	Ch:120.00m to 124.00m	RHS	1	4.00	(0.80 + 0.90)/2	0.225	0.77	
	Chinnamma Layout							
	Cross Road From 2nd Crs Rd							
	Ch:0.00m to 30.00m	LHS	1	30.00	(0.60 + 0.90)/2	0.225	5.06	
	Ch:30.00m to 60.00	LHS	1	30.00	(0.90 + 0.90)/2	0.225	6.08	
	Ch:60.00m to 90.00m	LHS	1	30.00	(0.90 + 0.90)/2	0.225	6.08	
	Ch:90.00m to 120.00m	LHS	1	30.00	(0.90 + 0.80)/2	0.225	5.74	
	Ch:120.00m to 150.00m	LHS	1	30.00	(0.80 + 1.00)/2	0.225	6.08	

CIVIL TECH LABS BANGALORE

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಶೆಟ್ಟಿಹಳ್ಳಿ ಉಪವಿಭಾಗ, ದಾಸರಹಳ್ಳಿ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಎಸ್.ಎಂ. ರಸ್ತೆ, ರವೀಂದ್ರನಗರ, ಬೆಂಗಳೂರು

Item No	Discription of Item	Side	No	Length	Breadth	Depth	Qty	Unit
	Ch:150.00m to 180.00m	LHS	1	30.00	(1.00 + 0.95)/2	0.225	6.58	
	Ch:180.00m to 184.30m	LHS	1	4.30	(0.95 + 0.90)/2	0.225	0.89	
	Ch:0.00m to 30.00m	RHS	1	30.00	(0.75 + 0.85)/2	0.225	5.40	
	Ch:30.00m to 60.00	RHS	1	30.00	(0.85 + 1.00)/2	0.225	6.24	
	Ch:60.00m to 90.00m	RHS	1	30.00	(1.00 + 1.00)/2	0.225	6.75	
	Ch:90.00m to 120.00m	RHS	1	30.00	(1.00 + 0.90)/2	0.225	6.41	
	Ch:120.00m to 150.00m	RHS	1	30.00	(0.90 + 1.00)/2	0.225	6.41	
	Ch:150.00m to 180.00m	RHS	1	30.00	(1.00 + 0.90)/2	0.225	6.41	
	Ch:180.00m to 184.30m	RHS	1	4.30	(0.90 + 0.95)/2	0.225	0.89	
	2nd Main Road Up to College Rd							
	Ch:0.00m to 4.70m	LHS	1	4.70	(0.90 + 1.00)/2	0.225	1.00	
	Ch:4.70m to 16.40m	LHS	1	11.70	(1.00 + 1.30)/2	0.225	3.03	
	Ch:16.40m to 23.20m	LHS	1	6.80	(1.30 + 1.30)/2	0.225	1.99	
	Ch:23.20m to 53.20m	LHS	1	30.00	(1.30 + 0.80)/2	0.225	7.09	
	Ch:53.20m to 80.40m	LHS	1	27.20	(0.80 + 0.90)/2	0.225	5.20	
	Ch:80.40m to 86.20m	LHS	1	5.80	(0.90 + 0.60)/2	0.225	0.98	
	Ch:86.20m to 114.00m	LHS	1	27.80	(0.60 + 0.80)/2	0.225	4.38	
	Ch:114.00m to144.00m	LHS	1	30.00	(0.80 + 1.00)/2	0.225	6.08	
	Ch:144.00m to 174.00m	LHS	1	30.00	(1.00 + 1.00)/2	0.225	6.75	
	Ch:174.00m to 186.20m	LHS	1	12.20	(1.00 + 1.00)/2	0.225	2.75	
	2nd Main Road Up to College Rd							
	Ch:0.00m to 4.70m	RHS	1	4.70	(0.90 + 0.90)/2	0.225	0.95	

CIVIL TECH LAB BANGALORE

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಕೆಬ್ಬಿಹಳ್ಳಿ ಉಪವಿಭಾಗ, ದಾಸರಹಳ್ಳಿ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಎಸ್.ಎಂ. ರಸ್ತೆ, ರವೀಂದ್ರ[illegible]ರ, ಬೆಂಗಳೂರು

Item No	Discription of Item	Side	No	Length	Breadth	Depth	Qty	Unit
	Ch:4.70m to 16.40m	RHS	1	11.70	(0.90 + 1.10)/2	0.225	2.63	
	Ch:16.40m to 23.20m	RHS	1	6.80	(1.10 + 1.20)/2	0.225	1.76	
	Ch:23.20m to 53.20m	RHS	1	30.00	(1.20 + 0.90)/2	0.225	7.09	
	Ch:53.20m to 80.40m	RHS	1	27.20	(0.90 + 0.85)/2	0.225	5.36	
	Ch:80.40m to 86.20m	RHS	1	5.80	(0.85 + 0.60)/2	0.225	0.95	
	Ch:86.20m to 114.00m	RHS	1	27.80	(0.60 + 0.85)/2	0.225	4.53	
	Ch:114.00m to144.00m	RHS	1	30.00	(0.85 + 0.80)/2	0.225	5.57	
	Ch:144.00m to 174.00m	RHS	1	30.00	(0.80 + 0.80)/2	0.225	5.40	
	Ch:174.00m to 186.20m	RHS	1	12.20	(0.80 + 1.00)/2	0.225	2.47	
	1st Main Road							
	Ch:0.0m to 30.00m		1	30.00	(5.10 + 5.30)/2	0.225	35.10	
	Ch:30.0m to 60.00m		1	30.00	(5.30 + 5.50)/2	0.225	36.45	
	Ch:60.00m to 68.00m		1	8.00	(5.50 + 5.50)/2	0.225	9.90	
	1st Cross Road							
	Ch:0.00m to 20.10m		1	20.10	(5.00 + 4.00)/2	0.225	20.35	
	1st Cross Road From 1st Main Road							
	Ch:0.00m to 30.00m		1	30.00	(5.80 + 5.60)/2	0.225	38.48	
	Ch:30.00m to 49.00		1	19.00	(5.60 + 4.10)/2	0.225	20.73	
	Cross Road-2 from 2nd Main Road							
	Ch:0.00m to 25.50m		1	25.50	(5.00 + 4.00)/2	0.225	25.82	
	Babanna Layout Crs Road							
	Ch:0.00m to 30.00m		1	30.00	(5.50 + 5.60)/2	0.225	37.46	
	Ch:30.00m to 60.00		1	30.00	(5.60 + 5.50)/2	0.225	37.46	

CIVIL TECH LAB BANGALORE

ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು
ಕೆಬ್ಬಿಹಳ್ಳಿ ಉಪವಿಭಾಗ, ದಾಸರಹಳ್ಳಿ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಎಸ್.ಎಂ. ರಸ್ತೆ, ರವೀಂದ್ರನಗರ, ಬೆಂಗಳೂರು

Item No	Discription of Item	Side	No	Length	Breadth	Depth	Qty	Unit
	Ch:60.00m to 90.00m		1	30.00	(5.50 + 5.40) / 2	0.225	36.79	
	Ch:90.00m to 120.00m		1	30.00	(5.40 + 5.60) / 2	0.225	37.13	
	Ch:120.00m to 125.00m		1	5.00	(5.60 + 5.50) / 2	0.225	6.24	
	Cross Road-1							
	Ch:0.00m to 30.00m		1	30.00	(5.00 + 5.00) / 2	0.225	33.75	
	Ch:30.00m to 60.00		1	30.00	(5.00 + 5.00) / 2	0.225	33.75	
	Cross Road-2							
	Ch:0.00m to 30.00m		1	30.00	(4.80 + 4.80) / 2	0.225	32.40	
	Ch:30.00m to 38.00		1	8.00	(4.80 + 4.80) / 2	0.225	8.64	
	Cross Road-3							
	Ch:0.00m to 30.00m		1	30.00	(4.80 + 4.80) / 2	0.225	32.40	
	Ch:30.00m to 38.00		1	7.00	(4.80 + 4.80) / 2	0.225	7.56	
						Present Qty	**693.63**	**Cum**

CIVIL TECH LABS BANGALORE

Assistant Engineer,
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